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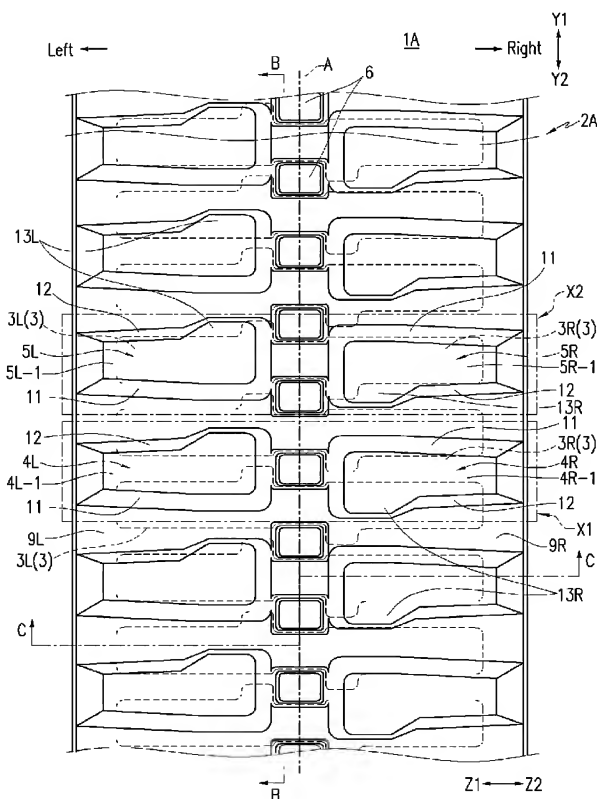
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2004-130001 26 April 2004 (26.04.2004) JP</p> <p>(71) Applicant (for all designated States except US): XENITH TRACK CO., LTD [KR/KR]; 520-17, Daehwa-Dong, Daeduck-Ku, Taejon 306-800 (KR).</p> | <p>(72) Inventor; and
(75) Inventor/Applicant (for US only): CHOI, Yong Jae [KR/KR]; 520-17, Daehwa-Dong, Daeduck-Ku, Taejon 306-800 (KR).</p> <p>(74) Agent: YOU ME PATENT & LAW FIRM; Seolim Bldg., 649-10 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).</p> <p>(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,</p> |
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- (54) Title:** ELASTIC CRAWLER



(57) Abstract: Disclosed is an elastic crawler formed with an elastic material in the shape of an endless track, and used as the wheel for the work vehicle with enhanced reliability and durability. The elastic crawler includes a crawler body 2A formed with an elastic material and having lugs 4L, 4R, 5L and 5R protruded at the ground contact side thereof, and cores 3 having wings 3L and 3R extended left and right to the center of the crawler body in the width direction thereof, and arranged parallel to each other in the longitudinal track direction of the crawler body such that the wings face the lugs formed at the crawler body. The crawler body has first and second lug units alternately arranged parallel to each other in the longitudinal track direction thereof (in the direction of Y1 and Y2). The first lug unit has left lugs 4L facing each other over two wings, and right lugs 4R arranged right to the center of the crawler body while proceeding symmetrical to the left lugs around the center. The second lug unit has left lugs 5L facing each other over one wing, and right lugs 5R arranged right to the center of the crawler body while proceeding symmetrical to the left lugs around the center.



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
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FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
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